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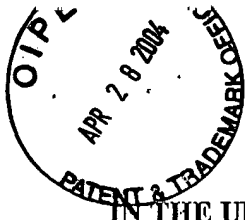
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In regard to the application of: Aron SHMAISER, et al.

Serial No : 10/089,631

Group Art Unit: 2854

Filed : August 5, 2002

Examiner: HAMDAN, W. H.

For : TANDEM PRINTING SYSTEM WITH FINE PAPER-POSITION
CORRECTION

Mail Stop Petitions
Honorable Commissioner for Patents
P.O. Box 1450
Alexandra, VA 22313-1450

PETITION UNDER 37 CFR 1.182

Dear Sir,

Applicants hereby petition the Commissioner under 37 CFR 1.182 to delay issuance of the present application until the Examiner has reviewed and considered art filed in an Information Disclosure Statement on December 29, 2003 and enter an amendment filed on January 20, 2004, to ensure that the correct information appears in the patent issuing on the present application. This petition is being filed concurrently with payment of the Issue Fee.

Enclosed herewith are the following:

- Copy of a stamped postcard receipt showing that an Information Disclosure Statement was received by the OIPE on December 29, 2003. (Exhibit A)
- Copy of a stamped postcard receipt showing that an amendment was received by the OIPE on January 20, 2004. (Exhibit B)
- Copy of the Information Disclosure Statement including a copy of the 1449 forms. (Exhibit C)
- Copy of the Amendment filed on January 20, 2004. (Exhibit D)
- The petition fee set forth in 37 CFR 1.17(h). See attached transmittal letter for deposit account authorization.

REMARKS

Applicants hereby petition the Commissioner to delay issuance of the present application so as to allow the Examiner to consider art filed in an Information Disclosure Statement on December 29, 2003 and enter an amendment filed on January

20, 2004, to ensure that the correct information appears in the patent issuing on the present application.

On December 17, 2003 applicants filed an Information Disclosure Statement including a 5-page 1449 form and 71 pieces of art (hereinafter "the IDS"). The IDS was received by the OIPE on December 29, 2003, as evidenced in the attached acknowledgement postcard (Exhibit A).

On January 14, 2004, pursuant to a telephone conversation between applicants' representative and the Examiner held the day before, applicants filed an amendment to claims 8 and 33 (hereinafter "the amendment"). The amendment was received by the OIPE on January 20, 2004, as evidenced in the attached acknowledgment postcard (Exhibit B).

Upon review of the Notice of Allowance dated January 20, 2004 (hereinafter "the notice"), it was noted that the Examiner did not return the 5-page 1449 form initialed. Also, the Examiner made an Examiner's amendment to claims 8 and 33 to correct typographical errors, but did not acknowledge the amendment filed by applicants which further, though slightly, amended claim 8 to make it more readable without changing its scope.

Applicants' representative contacted the Examiner and requested a supplemental Notice of Allowability, reflecting consideration of the IDS and the amendment, in order to ensure that the patent issues with the correct information.

However, the Examiner explained that since he is unable to obtain the file at this stage, it is advisable that applicants file a Request for Continued Examination (RCE).

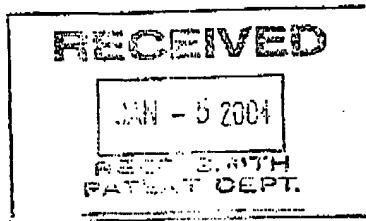
Applicants believe that since the IDS and the amendment were timely filed, an RCE is not required at this stage. Therefore, applicants are resubmitting a copy of the IDS, less copies of the cited art, (Exhibit C) and a copy of the amendment (Exhibit D) and respectfully request that the issuance of the present application be delayed so as to permit the Examiner to obtain the file, consider the art, initial the 1449 form, enter the amendment and issue a Supplemental Notice of Allowance accordingly.

Prompt consideration of this Petition is respectfully requested.

April 20, 2004
William H. Dippert, Esq.
Reed Smith LLP
599 Lexington Avenue, 29th Floor
New York, NY 10022-7650
Tel.: (212) 521-5400

Respectfully submitted,
Aron SHMAISER, et al.

Yaakov Schatz
Yaakov Schatz, Reg. No. 44,320



First Class Mail

December 17, 2003

Attorney Ref. No. 501010.20566 (23538.75)

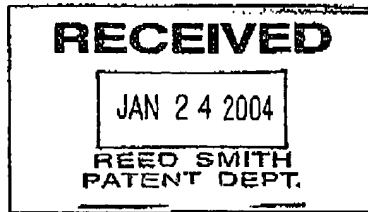
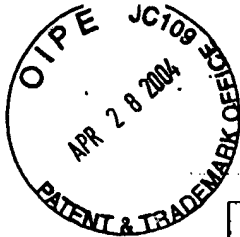
Mail Stop:
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450



Applicant: Aron SHMAISER, et al.
Serial No: 10/089,631
Filing Date: August 5, 2002
For: TANDEM PRINTING SYSTEM WITH FINE PAPER-
POSITION CORRECTION

Please have the Mail Division stamp in the space provided and return this card as acknowledgement of receipt of the following: (1) 1st Class Mailing Certificate (1 page); (2) Transmittal of Information Disclosure Statement (3 pages); (3) Information Disclosure Statement (2 pages) w/IDS Citation (5 pages) & cited references; (4) Acknowledgement Postcard.

Exhibit A



First Class Mail

January 14, 2004
Attorney Ref. No. 501010.20566 (23538.75)

Mail Stop: **NFA**
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450



Applicant: Aron SHMAISER, et al.
Serial No: 10/089,631
Filing Date: August 5, 2002
For: TANDEM PRINTING SYSTEM WITH FINE PAPER-
POSITION CORRECTION

Please have the Mail Division stamp in the space provided and return this card as acknowledgement of receipt of the following: (1) 1st Class Mailing Certificate (1 page); (2) Amendment Transmittal (2 pages); (3) Amendment (8 pages); (4) Acknowledgement Postcard.

Exhibit B

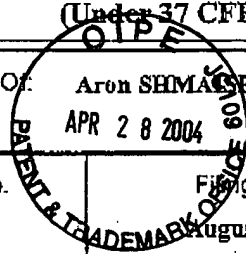
TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (Under 37 CFR 1.97(b) or 1.97(c))			Docket No. UDY
In Re Application Of: Aron SHIMATSER, et al. <div style="text-align: center;">  </div>			
Serial No. 10/089,631	Filing Date August 5, 2002	Examiner HAMDAN, W. H.	Group Art Unit 2854
Title: TANDEM PRINTING SYSTEM WITH FINE PAPER-POSITION CORRECTION			
<div style="text-align: center;"> <p>Address to:</p> <p>Commissioner for Patents</p> <p>P.O. Box 1450</p> <p>Alexandria, VA 22313-1450</p> </div> <div style="text-align: center; margin-top: 10px;"> 37 CFR 1.97(b) </div> <p>1. <input type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.</p> <div style="text-align: center; margin-top: 20px;"> 37 CFR 1.97(c) </div> <p>2. <input checked="" type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:</p> <div style="margin-left: 40px; margin-top: 10px;"> <input type="checkbox"/> the statement specified in 37 CFR 1.97(e); </div> <div style="text-align: center; margin-top: 10px;"> OR </div> <div style="margin-left: 40px; margin-top: 10px;"> <input checked="" type="checkbox"/> the fee set forth in 37 CFR 1.17(p). </div> <div style="position: absolute; right: 10%; top: 40%; transform: rotate(-15deg); font-size: 40px; opacity: 0.5;"> COPY </div>			

Exhibit C

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
UDY

In Re Application: Aron SHMAYSER, et al.

Serial No.

10/089,631

Filing Date

August 5, 2002

Examiner

HAMDAN, W. H.

Group Art Unit

2854

TANDEM PRINTING SYSTEM WITH FINE PAPER-POSITION CORRECTION

Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of _____ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 03-3419 as described below.
- ☒ Charge the amount of \$180.00
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.

Certificate of Transmission by Facsimile*

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (F:

(Date)

Signature

Typed or Printed Name of Person Signing Certificate

Certificate of Mailing by First Class Mail

I certify that this document and fee is being deposited on _____ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature of Person Mailing Correspondence

Typed or Printed Name of Person Mailing Certificate

*This certificate may only be used if paying by deposit account.

Paul Fenster

Signature

Dated: December 16, 2003

Paul Fenster, Reg. No. 33,877

William H. Dippert, Esq.

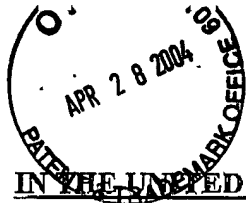
Reed Smith LLP

599 Lexington Avenue, 29th Floor
New York, NY 10022-7650

Tel: (212) 521-5400

cc:

UDY



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In regard to the application of: Aron SHMAISER, et al.

Serial No : 10/089,631

Group Art Unit: 2854

Filed : August 5, 2002

Examiner: HAMDAN, W. H.

For : Tandem Printing System with Fine Paper-Position Correction

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants respectfully direct the attention of the Examiner to art cited with respect to 10/089,631 which is a U.S. national application under 35 U.S.C. §371 of PCT/IL99/00600.

The Examiner is respectfully requested to review and consider this art, in accordance with MPEP 2001.06, MPEP 1893.03(e) and MPEP 1893.03(g) and to indicate in the first office action that he has considered this art. Additionally, the Examiner is respectfully requested to cite those prior art publications mentioned in this application which the Examiner considers to be material or relevant to the present claims.

Further, in order to comply with discretionary regulations 37 C.F.R. §1.97 and §1.98, attached is Form PTO-1449 listing the cited art. Also attached are copies¹ of the art. This art contains information which the Examiner may consider to be important in deciding whether to allow the present application to issue as a patent. Applicants wish to point out that items 26, 30, 31 and 51 were cited on the PCT International Search Report. Copies of these items are not attached as they are available in the national stage file.

Since item 51, EP Publication No. 0 616 886, is in a foreign language, applicants provide a corresponding US patent number 5,385,091. Both items are listed on the attached PTO-1449 form with a connecting arrow between them.

German patent DE 196 35 388 (item 12), European patent EP 0 570 786 (item 16) and

¹ To the extent that a document is listed and no copy of same is attached, then such document is not at the present time available to the undersigned or is available in the national stage file. If a listed document is not in the English language and an English translation is readily available, such translation is also attached; if translation is not attached, it is not readily available to the undersigned. If a foreign language patent document is cited, and an English language equivalent is known to the undersigned, then such an equivalent patent is also cited on the attached form along with the corresponding foreign language patent and a connecting arrow indicated therebetween; if no such English language equivalent is cited then none is known to the undersigned.

UDY

EP 0 861 722 (item 31,) are in a foreign language. Applicants attach copies of an English language abstract to their respective references.

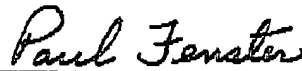
Items 63-67 are in a foreign language, applicants provide their respective corresponding US patents. Both the foreign and the US patents are listed on the attached PTO-1449 form with a connecting arrow between them.

In accordance with MPEP Section 609 it is requested that each document cited (including any mentioned in Applicants' specification which is not repeated on the attached PTO-1449 form) be given thorough consideration and be cited of record in the prosecution history of the present application by initialing on the PTO-1449 form, so that it will appear on the face of the patent issuing on the present application, even if the Examiner does not consider it sufficiently pertinent to use in a rejection, or otherwise does not believe that the guidelines for citation have been fully complied with.

The present Information Disclosure Statement is being submitted in compliance with 37 C.F.R. §1.56 as an Examiner might consider any cited document important in deciding whether to allow the application to issue as a patent, but the citation of each document is not to be construed as an admission that such document is necessarily relevant or prior art. No representation is intended that the cited documents represent the results of a complete search, and it is anticipated that the Examiner in the normal course of examination, will make an independent search and will determine the best prior art consistent with 37 C.F.R. §1.104(a), and in the course of such search will review for relevance every document cited on the attached form.

Early and favorable consideration is earnestly solicited.

Respectfully submitted,
Aron SHMAISER, et al.

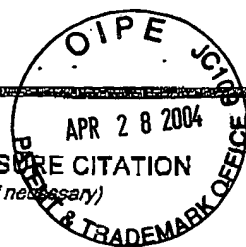


Paul FENSTER,
Registration No. 33,877

December 16, 2003

William H. Dippert, Esq.
Reed Smith LLP
599 Lexington Avenue, 29th Floor
New York, NY 10022-7650

Tel: (212) 521-5400

**INFORMATION DISCLOSURE CITATION**
(Use several sheets if necessary)ATTY DOCKET NO.
UDYSERIAL NO.
10/089,631

Aron SHMAISER, et al.

FILING
August 5, 2002GROUP
2854**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1	3,734,015	22 May '73	CAMIS, T. et al.			
	2	3,741,643	26 Jun '73	VERMEULEN, M. et al.			
	3	3,777,158	4 Dec '73	KAMOGAWA, N. et al.			
	4	4,165,689	28 Aug '79	GIUIUZZA, P.			
	5	4,186,662	5 Feb '80	BORNEMAN, L. A.			
	6	4,202,268	13 May '80	BECKER, W.			
	7	4,204,472	27 May '80	BORNEMAN, L. A.			
	8	4,375,326	1 Mar '83	LANG, J. H.			
	9	4,378,734	5 Apr '83	WIRZ, A.			
	10	4,428,667	31 Jan '84	PHELPS, R. L. et al.			
	11	4,431,303	14 Feb '84	HOFFMAN, D. S.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	12	DE 196 35 388	5 Mar '98	GERMANY			✓	
	13	EP 0 274 989	20 Jul '88	EUROPE				
	14	EP 0 312 660	26 Apr '89	EUROPE				
	15	EP 0 342 704	23 Nov '89	EUROPE				
	16	EP 0 570 786	24 Nov '93	EUROPE			✓	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	17	CANON INC.; JP 53-010441 A; 30 January 1978 & Patent Abstracts of Japan; Vol. 002; No. 045 (E-024); 27 March 1978
	18	FUJI PHOTO FILM CO. LTD.; JP 63-094287 A; 25 April 1988 & Patent Abstracts of Japan; Vol. 012; No. 331 (P-755); 7 September 1988

EXAMINER

DATE CONSIDERED

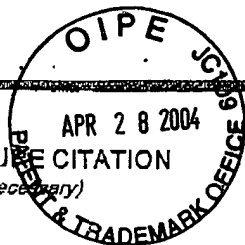
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Form PTO-A820
also form PTO-1449)

P09C/REV03

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INFORMATION DISCLOSURE CITATION
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ATTY DOCKET NO.

UDY

SERIAL NO.

10/089,631

Aron SHMAISER, et al

FILING

August 5, 2002

GROUP

2854

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	19	4,568,169	4 Feb '86	WADA, K. et al.			
	20	4,607,940	26 Aug '86	QUANG, P. K.			
	21	4,639,126	27 Jan '87	BUSHAW, K. A. et al.			
	22	4,684,238	4 Aug '87	TILL, H. R. et al.			
	23	4,721,041	26 Jan '88	SIMETH, S.			
	24	4,723,489	9 Feb '88	EMRICH, H. et al.			
	25	4,745,282	17 May '88	TAGAWA, K. et al.			
	26	4,791,869	20 Dec '88	FURUKAWA, S.			
	27	4,806,079	21 Feb '89	KUHN, W.			
	28	4,814,822	21 Mar '89	ACQUAVIVA, T. et al.			
	29	4,884,794	5 Dec '89	DINATALE, E. L. et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	30	EP 0 615 941	21 Sep '94	EUROPE				
	31	EP 0 861 722	2 Sep '98	EUROPE			✓	
	32	WO 90/04216	19 Apr '90	PCT				
	33	WO 93/01531	21 Jan '93	PCT				
	34	WO 93/04409	4 Mar '93	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

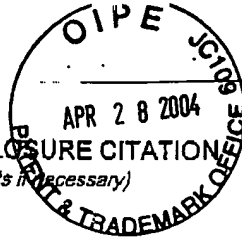
	35	HITACHI KOKI CO. LTD.; JP 03-179470 A; 5 August 1991 & Patent Abstracts of Japan; Vol. 015; No. 433 (P-1271); 5 November 1991

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION
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ATTY DOCKET NO.

UDY

SERIAL NO.

10/089,631

Aron SHMAISER, et al.

FILING

August 5, 2002

GROUP

2854

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	36	4,949,949	21 Aug '90	HOLMES, M. F. et al.			
	37	4,967,660	6 Nov '90	YAMANARI, H. et al.			
	38	4,974,027	27 Nov '90	LANDA, B. et al.			
	39	5,003,355	26 Mar '91	TANZAWA, J.			
	40	5,020,788	4 Jun '91	HATANO, M. et al.			
	41	5,170,211	8 Dec '92	HAUPT, G. J. et al.			
	42	5,385,091	31 Jan '95	CUIR, J. et al.			
	43	5,552,875	3 Sep '96	SAGIV, O. et al.			
	44	5,710,964	20 Jan '98	TOMBS, T. N. et al.			
	45	5,772,343	30 Jun '98	BERETTA, R. K. et al.			
	46	5,802,424	1 Sep '98	PERNESKY, M. J. et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	47	WO 94/23347	13 Oct '94	PCT				
	48	WO 95/10801	20 Apr '95	PCT				
	49	WO 96/17277	6 Jun '96	PCT				
	50	WO 97/07433	27 Feb '97	PCT				
	51	EP 0 616 886	28 Sep '94	EUROPE				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-A820

(also form PTO-1449)

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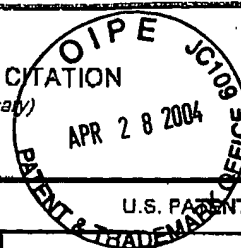
P09C/REV03

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PAGE 3 OF 5

INFORMATION DISCLOSURE CITATION

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ATTY DOCKET NO.
UDY

SERIAL NO.
10/089,631

Aron SHMAISER, et al.

FILING

August 5, 2002

GROUP

2854

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	52	6,072,966	6 Jun '00	MATSUO, M.			
	53	4,821,643	18 Apr '89	WIELAND, E. G.			
	54	4,621,576	11 Nov '86	WIRZ, A.			
	55	5,110,159	5 May '92	HEROLD, M. et al.			
	56	5,439,029	8 Aug '95	BECKER, W.			
	57	4,204,471	27 May '80	BECKER, W.			
	58	5,961,228	5 Oct '99	WARD, D. J. et al.			
	59	5,752,776	19 May '98	KUNREUTHER, S.			
	60	4,410,897	18 Oct '83	MORIGUCHI, H. et al.			
	61	4,198,642	15 Apr '80	GAMBLIN, R. L.			
	62	4,240,346	23 Dec '80	LANDIS, E. M. et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	63	EP 0 311 924	19 Apr '89	EUROPE				
	64	EP 0 161 522	21 Nov '95	EUROPE				
	65	EP 0 435 164	3 Jul '91	EUROPE				
	66	EP 0 562 269	29 Sep '93	EUROPE				
	67	FR 2 358 273	10 Feb '78	FRANCE				

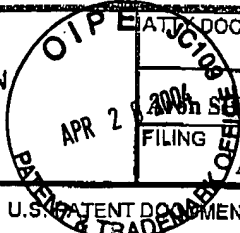
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)



ATTORNEY DOCKET NO.
UDY

SERIAL NO.
10/089,631

INVENTOR
SEMAISER, et al.

FILING

August 5, 2002

GROUP

2854

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	68	5,837,408	17 Nov '98	PARKER, D. G.			
	69	6,412,409	02 Jul '02	WEISHEW, J. J.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	70	WO 99/61958	02 Dec '99	PCT				
	71	EP 0 813 971	29 Dec '97	EUROPE				
	72	EP 0 878 311	18 Nov '98	EUROPE				
	73	WO 01/02910	11 Jan '01	PCT				
	74	WO 01/53895	26 Jul '01	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

AMENDMENT TRANSMITTAL LETTER (Large Entity)

Applicant(s): A. SHMAISER, et al.

Docket No.

UDY

Serial No.

10/089,631

Filing Date

August 5, 2002

Examiner

HAMDAN, W. H.

Group Art Unit

2854

Invention: TANDEM PRINTING SYSTEM WITH FINE PAPER-POSITION CORRECTION

APR 28 2004

TO THE COMMISSIONER FOR PATENTS:

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED

	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	27 -	34 =	0 x	\$18.00	\$0.00
INDEP. CLAIMS	2 -	3 =	0 x	\$86.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00

- ☒ No additional fee is required for amendment.
- ☐ Please charge Deposit Account No. _____ In the amount of _____
- ☐ A check in the amount of _____ to cover the filing fee is enclosed.
- ☒ The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 03-3419
- ☒ Any additional filing fees required under 37 C.F.R. 1.16.
- ☒ Any patent application processing fees under 37 CFR 1.17.

Paul Fenster

Signature

Dated: January 14, 2004

Paul FENSTER, Reg. No. 33,877

William H. Dippert, Esq.
Reed Smith LLP
599 Lexington Avenue, 29th Floor
New York, NY 10022-7650

Tel: (212) 521-5400

I certify that this document and fee is being deposited on _____ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature of Person Mailing Correspondence

Typed or Printed Name of Person Mailing Correspondence

cc:

Exhibit D

P11LARGE/REV06

UDY A03



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: A. SHMAISER, et al.
Serial Number: 10/089,631
Filed: August 5, 2002
For: TANDEM PRINTING SYSTEM WITH FINE PAPER-POSITION
CORRECTION
Art Unit: 2854
Examiner: HAMDAN, W. H.

Honorable Commissioner of Patents and Trademarks
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT

Sir:

Further to a telephone communication from the Examiner, kindly amend the application as follows:

CLAIMS

Kindly replace the present claims with the following claims:

1. (canceled)
2. (Previously presented) A tandem printer according to claim 8 wherein the sensor which measures the position of an edge of the substrate is situated on the rotatable element.
3. (Previously presented) A tandem printer according to claim 8 wherein the sensor which measures the position of an edge of the substrate is adjacent to the rotatable element.
4. (canceled)
5. (Previously presented) A tandem printer according to claim 8 wherein the flexible strip rotates at a constant rate.
6. (Previously presented) A tandem printer according to claim 8 wherein the flexible strip is a timing belt.
7. (canceled)
8. (Currently amended) A tandem printer with a mechanism for fine substrate-position correction, comprising:
 - a first printing station;
 - a second printing station;
 - a transfer system which transfers the substrate from the first printing station to the second printing station, comprising:
 - a rotatable element, rotating at a given rotation rate, that receives the substrate after printing thereon by the first printing station and transfers the substrate toward the second printing station;

a sensor which measures the position of an edge of the substrate during its transfer from the first printing station to the second printing station;

a flexible strip, traveling at a given rate and providing motion to the rotatable element, wherein a corrective step displacement of the flexible strip induces a corrective step change in angular position of the rotatable element;

a controller, which applies a corrective step change in angular position of the rotatable element responsive to the measurements of the sensor, without changing the general rotation rate of the rotatable element via a step displacement of the flexible strip; and

two pulleys, situated along the flexible strip, one upstream and one downstream of the rotatable element, said pulleys pressing into the flexible strip at a first point and a second point, respectively, wherein when pressure of one pulley is partially released, the other pulley takes up the thus produced slack, providing the corrective step displacement of the flexible strip.

9. (original) A tandem printer according to claim 8 and comprising:

a rod, comprising two points, to which the two pulleys are attached, one at each edge, wherein linear movement of the rod provides the motion of the pulleys into and away from the flexible strip.

10. (original) A tandem printer according to claim 9 and including a motion provider for the rod, comprising:

an eccentric shaft to which the rod is attached; and
a motor which provides motion to the eccentric shaft,
wherein the motor is activated by the controller.

11. (original) A tandem printer according to claim 9 and including a motion provider for the rod, comprising:

a slider-crank mechanism, wherein the rod is attached to the slider and moves in the same direction as the slider; and
a motor which provides motion to the slider-crank mechanism,
wherein the motor is activated by the controller.

12. (original) A tandem printer according to claim 9 and including a motion provider for the rod, comprising:

a piston-cylinder mechanism, wherein the rod is attached to the piston and moves in the same direction as the piston; and

a motor which provides motion to the piston-cylinder mechanism,
wherein the motor is activated by the controller.

13. (original) A tandem printer according to claim 9 and including a motion provider for the rod, comprising:

a turning-screw mechanism, wherein the rod is attached to the screw and moves in the same direction as the screw; and

a motor which provides motion to the turning-screw mechanism,
wherein the motor is activated by the controller.

14. (Canceled)

15. (original) A tandem printer according to claim 8 and comprising:

a shaft on which one of the two pulleys is mounted, pressing against the flexible strip at a first point; and

a resilient device on which the other pulley is mounted, resiliently pressing against the flexible strip at a second point,

wherein linear movement of the shaft provides motion of the pulley at the first point, and the response of the resilient device to release or demand in slack provides motion of the pulley at the second point.

16. (original) A tandem printer according to claim 15, wherein the shaft is an eccentric shaft and including:

a motor which provides motion to the eccentric shaft,
wherein the motor is activated by the controller.

17. (Original) A tandem printer according to claim 15 and including a motion provider for the shaft, comprising:

a slider-crank mechanism, wherein the shaft is connected to the slider and moves in the same direction as the slider; and

a motor which provides motion to the slider-crank mechanism,
wherein the motor is activated by the controller.

18. (original) A tandem printer according to claim 15 and including a motion provider for the shaft, comprising:

a piston-cylinder mechanism, wherein the shaft is connected to the piston and moves in the same direction as the piston; and

a motor which provides motion to the piston-cylinder mechanism,
wherein the motor is activated by the controller.

19. (original) A tandem printer according to claim 15 and including a motion provider for the shaft, comprising:

a turning-screw mechanism, wherein the shaft is connected to the screw and moves in the same direction as the screw; and

a motor which provides motion to the turning-screw mechanism,
wherein the motor is activated by the controller.

20. (canceled)

21. (previously presented) A tandem printer according to claim 8 wherein the two pulleys are substantially identical.

22. (previously presented) A tandem printer according to claim 8, wherein the section of the flexible strip adjacent to the first point and a section of the flexible strip adjacent to the second point are parallel to each other.

23. (Previously presented) A tandem printer according to claim 8, wherein the tandem printer comprises a duplex printer for printing on both sides of the paper while inverting it.

24. (Previously presented) A tandem printer according to claim 8, wherein the tandem printer comprises a multicolour printer of single-side printing, with each colour being printed with a different one of the tandem series of printing engines.

25. (Previously presented) A tandem printer according to claim 8, wherein the tandem printer is a conventional printer which uses plates.

26. (Previously presented) A tandem printer according to claim 8, wherein the tandem printer is an electrostatic printer.

27. (Previously presented) A tandem printer according to claim 8, wherein the tandem printer is an electronic printer.

28. (Previously presented) A tandem printer according to claim 8, wherein the tandem printer is a lithographic printer.

29-32. (Canceled)

33. (currently amended) A method of applying a fine positional correction to a substrate on a tandem printer, comprising:

printing on a substrate by a first printing station;

transferring the substrate from the first printing station toward a second printing station,

comprising:

mounting the substrate on a rotatable element of a substrate-transfer system; and

moving the substrate by rotating the rotatable element at a given rotation rate;

measuring the angular position of an edge of the substrate on the rotatable element; and

applying a step angular displacement to the rotatable element, responsive to the measurement, without changing the rotation rate of the rotatable element,

wherein rotating the rotatable element at a given rotation rate ~~comprises~~ comprises rotating the rotatable element by a flexible strip;

wherein applying the step angular displacement to the rotatable element comprises applying a step displacement to the flexible strip, comprising either a positive and negative step displacement to the flexible strip, thus inducing a clockwise and a counterclockwise step angular displacements to the rotatable element; and

applying the positive step displacement to the flexible strip comprises:

releasing flexible strip slack upstream of the rotatable element; and

taking up flexible strip slack downstream of the rotatable element; and

wherein applying the negative step displacement to the flexible strip comprises:

releasing flexible strip slack downstream of the rotatable element; and

taking up flexible strip slack upstream of the rotatable element.

34. (original) A method according to claim 33 and including using a lookup table to calculate a necessary step displacement of the flexible strip in order to achieve a desired step angular displacement of the rotatable element.

35. (Previously presented) A method according to claim 33 wherein the flexible strip is driven by a driving pulley, rotating at a constant rotation rate.

36. (Previously presented) A method according to claim 33 wherein the flexible strip is a timing belt.

UDY A03

REMARKS

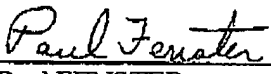
The present application now contains claims 2, 3, 5, 6, 8-13, 15-19, 21-28 and 33-36. Claims 8 and 33 are amended herewith.

In a telephone call to Mr. William Dippert, the Examiner indicated that certain transcription and typographical errors were present in the previous amendment, namely that a portion of claim 4 was not included in the amendment of claim 8 and that there was a typographic error in claim 33. The present amendment corrects these error. Claim 8 has been further, slightly amended to make it more readable, without changing its scope.

In view of the above, applicants submit that application is ready for allowance. Notice to that effect is respectfully solicited.

Applicants note however, that an Information Disclosure Statement has been filed since the filing of the last response. The Examiner is respectfully requested to return an initialed copy of the forms 1449 attached thereto with the next action.

Respectfully submitted,
A. SHMAISER, et al.


Paul FENSTER
Reg. No. 33,877

January 14, 2004

William H. Dippert, Esq.
Reed Smith LLP
599 Lexington Avenue, 29th Floor
New York, NY 10022-7650

Tel: (212) 521-5400



PTO/SB92 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Certificate of Mailing under 37 CFR 1.8

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Alexandria, VA 22313-1450

on April 20, 2004
Date

William H. Dippert
Registration No. 26,723

Reed Smith LLP
599 Lexington Avenue
29th Floor
New York, New York 10022-7650
Tel: 212-521-5400; Fax: 212-521-5450

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Applicant: Aron SHMAISER, et al.

Serial No: 10/089,631

Filing Date: August 5, 2002

For: TANDEM PRINTING SYSTEM WITH FINE PAPER POSITION CORRECTION

Enclosures: (1) Transmittal Letter (1 page); (2) Part B - Fee(s) Transmittal (in duplicate); (3) Transmittal Letter (in duplicate); (4) Letter To Examiner (1 page); (5) Transmittal Letter (in duplicate); (6) Petition Under 37 CFR §1.182 (2 pages) w/attachments (20 pages); (7) Acknowledgement Postcard.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: **Aron Shmaiser, et al.** : Group Art Unit: 2854
Serial No.: 10/089,631 : Examiner: W.H. Hamdan
Filing Date: August 5, 2002 : Confirmation No.: 1403
For: **TANDEM PRINTING SYSTEM WITH FINE
PAPER-POSITION CORRECTION**

April 20, 2004

Mail Stop: **ISSUE FEE**
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

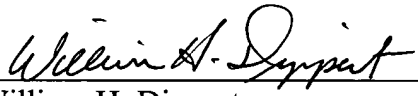
SIR:

Enclosed herewith are the following:

1. Issue Fee transmittal papers;
2. A Letter To Examiner; and
3. A Petition Under 37 C.F.R. §1.182 (with attachments).

Respectfully submitted

April 20, 2004


William H. Dippert
Registration No. 26,723

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BOX ISSUE FEE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In regard to the application of: Aron SHMAISER, et al.

Serial No : 10/089,631

Group Art Unit: 2854

Filed : August 5, 2002

Examiner: HAMDAN, W. H.

For : TANDEM PRINTING SYSTEM WITH FINE PAPER-POSITION
CORRECTION

Mail Stop Issue Fee
Honorable Commissioner for Patents
P.O. Box 1450
Alexandra, VA 22313-1450

LETTER TO EXAMINER

Applicants would like to point out that the Notice of Allowability erroneously acknowledges a claim for foreign priority as well as receipt of the certified copies in this national stage application from the International Bureau. Applicant would like to clarify that although this application is a national phase application, it does not claim any foreign priority.

Additionally, applicants wish to note that a Change of Name of assignee, from Indigo N.V. to Hewlett-Packard Indigo B.V., was filed on May 28, 2003. Although the recordation of the name change has not yet been received, applicants are using the correct name of the assignee on the Part B – Fee(s) Transmittal. Applicants look forward to receiving the reel/frame number of the recording of the Change of Name in due course.

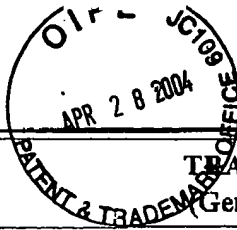
Lastly, applicants wish to bring to the Examiner's attention that a Petition under 37 CFR 1.182 to delay issuance of the present application until the Examiner has reviewed and considered art filed in an Information Disclosure Statement on December 29, 2003 and enter an amendment filed on January 20, 2004, is being filed concurrently with issue fee payment in order to ensure that the correct information appears in the patent.

April 20, 2004
William H. Dippert, Esq.
Reed Smith LLP
599 Lexington Avenue, 29th Floor
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Tel.: (212) 521-5400

Respectfully submitted,
Aron SHMAISER, et al.

Yaakov Schatz

Yaakov Schatz, Reg. No. 44,320



TRANSMITTAL LETTER
(General - Patent Pending)

Docket No.
UDY

In Re Application Of: Aron SHMAISER, et al.

Serial No.
10/089,631

Filing Date
August 5, 2002

Examiner
HAMDAN, Wasscem H.

Group Art Unit
2854

Title: TANDEM PRINTING SYSTEM WITH FINE PAPER-POSITION CORRECTION

TO THE COMMISSIONER FOR PATENTS:

Transmitted herewith is:

Petition Under 37 CFR 1.182, including:

1. Stamped postcard receipt showing that an IDS was received by the OIPE on December 29, 2003 (Exhibit A).
2. Stamped postcard receipt showing that an amendment was received by the OIPE on January 20, 2004 (Exhibit B).
3. Copy of IDS incl. a 5-page 1449 form (Exhibit C); Copy of Amendment filed on January 20, 2004 (Exhibit D).
4. Petition fee set forth in 37 CFR 1.17(h), see below for deposit account authorization.

in the above identified application.

- ☐ No additional fee is required.
- ☐ A check in the amount of _____ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 03-3419 as described below.
- ☒ Charge the amount of \$130.00
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.

Yaakov Schatz
Signature

Dated: April 20, 2004

Yaakov Schatz, Reg. No. 44,320

William H. Dippert, Esq.
Reed Smith LLP
599 Lexington Avenue, 29th Floor
New York, NY 10022-7650

Tel: (212) 521-5400

CC:

I certify that this document and fee is being deposited on _____ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature of Person Mailing Correspondence

Typed or Printed Name of Person Mailing Correspondence